

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/533,595

Source: IFWP

Date Processed by STIC: 5/1/06

ENTERED



IFWO

RAW SEQUENCE LISTING

DATE: 05/01/2006

PATENT APPLICATION: US/10/533,595

TIME: 13:01:04

Input Set : A:\15878.seq.txt

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3 <110> APPLICANT: Sacktor, Todd Charlton
 4 Crary, John Fonda
 5 Hernandez, Alejandro Ivan
 6 Mirra, Suzanne
 7 Shao, Charles
 9 <120> TITLE OF INVENTION: ATYPICAL PROTEIN KINASE C ISOFORMS IN DISORDERS OF THE
 NERVOUS
 10 SYSTEM AND CANCER
 12 <130> FILE REFERENCE: 15878
 14 <140> CURRENT APPLICATION NUMBER: 10/533,595
 15 <141> CURRENT FILING DATE: 2005-05-02
 17 <150> PRIOR APPLICATION NUMBER: PCT/US2003/035231
 18 <151> PRIOR FILING DATE: 2003-11-03
 20 <160> NUMBER OF SEQ ID NOS: 16
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159 uccugcacau ccaugccgug unuuuaguuug ugccucagcu gcuggcuaca gcuucccggg 180
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171 ccucuuccaa gccaagcgc uuaacaggag agcguacugc ggucagugca gcgagaggau 540
173 augggggccuc gcgaggcaag gcuacaggug caucaacugc aaacugcugg uccaauagcg 600
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177                                     1               5
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195 cua auc aga guc auc ggg cgc ggg agc uac gcc aag guu cuc cug gug 895
196 Leu Ile Arg Val Ile Gly Arg Gly Ser Tyr Ala Lys Val Leu Leu Val
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199 cgg uug aag aag aa u gac caa auu uac gcc aug aaa gug gug aag aaa 943
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205                                     105            110            115
207 cac gug uuu gag cag gca ucc agc aac ccc uuc cug guc gga uua cac 1039
208 His Val Phe Glu Gln Ala Ser Ser Asn Pro Phe Leu Val Gly Leu His
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211 ucc ugc uuc cag acg aca agu cgg uug uuc cug guc auu gag uac guc 1087
212 Ser Cys Phe Gln Thr Ser Arg Leu Phe Leu Val Ile Glu Tyr Val
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223 uuc cug cac gag agg ggg auc auc uac agg gac cug aag cug gac aac 1231
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236	Thr	Pro	Asn	Tyr	Ile	Ala	Pro	Glu	Ile	Leu	Arg	Gly	Glu	Glu	Tyr	Gly	
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239	uuc	agc	gug	gac	ugg	ugg	gcg	cug	gga	guc	cuc	aug	uuu	gag	aug	aug	1423
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251	ccc	cgg	uuc	cug	ucc	guc	aaa	gcc	ucc	cau	guu	uuu	aaa	gga	uuu	uua	1567
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264	Leu	Glu	Lys	Lys	Gln	Ala	Leu	Pro	Pro	Phe	Gln	Pro	Gln	Ile	Thr	Asp	
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

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Seq#:7; N Pos. 94871,94872,94873,94874,94875,94876,94877,94878,94879,94880
Seq#:7; N Pos. 94881,94882,94883,94884,94885,94886,94887,94888,94889,94890
Seq#:7; N Pos. 94891,94892,94893,94894,94895,94896,94897,94898,94899,94900
Seq#:7; N Pos. 96509,96510,96511,96512,96513,96514,96515,96516,96517,96518
Seq#:7; N Pos. 96519,96520,96521,96522,96523,96524,96525,96526,96527,96528
Seq#:7; N Pos. 96529,96530,96531,96532,96533,96534,96535,96536,96537,96538
Seq#:7; N Pos. 96539,96540,96541,96542,96543,96544,96545,96546,96547,96548
Seq#:7; N Pos. 96549,96550,96551,96552,96553,96554,96555,96556,96557,96558
Seq#:7; N Pos. 96559,96560,96561,96562,96563,96564,96565,96566,96567,96568
Seq#:7; N Pos. 96569,96570,96571,96572,96573,96574,96575,96576,96577,96578
Seq#:7; N Pos. 96579,96580,96581,96582,96583,96584,96585,96586,96587,96588
Seq#:7; N Pos. 96589,96590,96591,96592,96593,96594,96595,96596,96597,96598
Seq#:7; N Pos. 96599,96600,96601,96602,96603,96604,96605,96606,96607,96608
Seq#:8; Xaa Pos. 2,4,5
Seq#:9; Xaa Pos. 2,4,5

VERIFICATION SUMMARY

DATE: 05/01/2006

PATENT APPLICATION: US/10/533,595

TIME: 13:01:05

Input Set : A:\15878.seq.txt

Output Set: N:\CRF4\05012006\J533595.raw

L:3297 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:8220
L:6183 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:94800
L:6185 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:94860
L:6239 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:96480
L:6241 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:96540
L:6243 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:96600
L:9410 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0
L:9432 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0